



**Professional Services Amendment  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.:** 5  
**AGENDA DATE:** Thu 02/12/2004  
**PAGE:** 1 of 3

**SUBJECT:** Authorize negotiation and execution of Amendment No. 3 to the professional services agreement with TURNER COLLIE & BRADEN, INC., Austin, TX for construction/warranty phase services on the Northeast Interim Regional Wastewater Treatment Plant and the north interceptor, and additional design of the initial section of the Gilleland Creek Interceptor in the amount not to exceed \$913,967 for a total contract amount not to exceed \$3,106,759.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount of \$913,967 is included in the Fiscal Year 2003-2004 Capital Budget of the Austin Water Utility.

**FISCAL NOTE:** A fiscal note is attached.

**REQUESTING** Austin Water Utility  
**DEPARTMENT:**

**DIRECTOR'S**  
**AUTHORIZATION:** Chris Lippe

**FOR MORE INFORMATION CONTACT:** L.R. Pohren, P.E., 972-0223 Laura Wiley 972-0104

**PRIOR COUNCIL ACTION:** 11/29/01 - Selection of Turner Collie & Braden and funding authorization for preliminary engineering; 9/26/02 authorization and funding for design phase services; 6/12/03 authorization and funding for additional design services due to moving plant site to Wild Horse Ranch.

**BOARD AND COMMISSION ACTION:** Recommended by Water and Wastewater Commission

**PURCHASING:** N/A

**MBE / WBE:** 18.0 % MBE and 19.2 % WBE subcontractor participation to date.

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The Northeast Interim Regional Wastewater Treatment Plant will serve wastewater customers in the northeast Austin area, a designated preferred growth area, including Wild Horse Ranch, the City of Manor, and Applied Materials and is the first phase in providing regional wastewater service to the Northeast area. This wastewater treatment plant is to be located within the Wild Horse Ranch development site. The construction of this wastewater treatment plant and the interceptors is in accordance with the Interlocal Agreement executed September 30, 2002, between the City of Austin and the City of Manor.

Specifically, this request is for authorization and funding for construction phase and warranty services. Items for which construction phase services will be provided include the wastewater treatment plant itself and the "north interceptor" which carries wastewater flow from Manor to the wastewater treatment plant. Some additional design is also required for the initial segment of the Gilleland Creek Interceptor which will ultimately serve the Upper Gilleland and Harris Branch watersheds on the north side of Hwy 290.

The wastewater treatment plant consists of the following components to be constructed: access road, approximately 640 ft. of raw wastewater influent line, an influent lift station equipped with submersible pumps, screening and grit removal units, aeration basins, a final clarifier, scum collection facilities, return activated sludge pump system, effluent filtration, ultraviolet disinfection system, chemical addition



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facilities for phosphorus removal, sludge collection units, effluent discharge pipe, an operations building, electrical switchgear/MCC's and related electrical equipment, electrical duct banks, storm water detention and water quality ponds,, plant roads and sidewalks, site grading and drainage, and other site work.

The north interceptor construction will consist of approximately 9,800 ft. of 36 inch diameter pipe and approximately 1,800 ft. of 15 inch diameter pipe.

The additional design of the initial segment of the Gilleland Creek Interceptor consists of 4,450 ft. of 36 inch pipe involving two crossings of Gilleland Creek, a crossing under Hwy 290, and manholes for future tie-ins.

**AGREEMENT HISTORY**

<u>DATE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
11/29/01	Council authorization to execute Professional Services Agreement for Preliminary Engineering	\$350,000.00
9/26/02	Council authorization to execute contract amendment for design phase services	\$1,299,035.00
6/12/03	Council authorization to execute contract amendment for additional design phase services due to relocating the plant to the Wild Horse Ranch site including the North Interceptor design.	\$543,757.00
Proposed	Council authorization to execute contract amendment for construction & warranty phase services	\$913,967.00
<b>TOTAL</b>		<b>\$3,106,759.00</b>

Participation goals stated in the original/initial professional services agreement were: 1.1% - African American; 5.9 % - Hispanic; 1.7 % - Native/Asian; 18.2 % - WBE.

Participation for this contract amendment (construction / warranty phase services):

<u>NON M/WBE TOTAL – PRIME</u>	<u>\$538,199.00</u>	<u>58.9 %</u>
Turner Collie & Braden	\$538,199.00	58.9 %
<u>AFRICAN AMERICAN TOTAL – SUBCONTRACTORS</u>	<u>\$ 0.00</u>	<u>0.00%</u>
<u>HISPANIC TOTAL – SUBCONTRACTORS</u>	<u>\$ 36,859.00</u>	<u>4.0 %</u>
Jose I. Guerra, Inc. (structural engineering)	\$ 36,859.00	4.0 %
<u>NATIVE/ASIAN AMERICAN TOTAL – SUBCONTRACTORS</u>	<u>\$ 0.00</u>	<u>0.0 %</u>
<u>WBE TOTAL – SUBCONTRACTORS</u>	<u>\$159,000.00</u>	<u>17.4 %</u>
Harutunian Engineering, Inc.	\$155,000.00	17.0 %
Hicks and Company (archeological survey)	\$ 4,000.00	0.4 %
<u>NON M/WBE TOTAL – SUBCONTRACTORS</u>	<u>\$179,909.00</u>	<u>19.6 %</u>



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Metcalf & Eddy, Inc. (process/environmental engineering)	\$ 5,654.00	0.6 %
Fugro South (geotech & materials testing)	\$132,957.00	14.5 %
Surveying and Mapping (surveying & easements)	\$ 41,298.00	4.5 %

Total project participation from the beginning through all contract amendments including this amendment are as follows: 52.9 - Non M/WBE Prime; 4.8 % - African American; 6.1 % - Hispanic; 4.3 % - Native/Asian American; 18.7 % - WBE; 13.2 % Non-M/WBE.

# CIP FISCAL NOTE

**DATE OF COUNCIL CONSIDERATION:**  
**WHERE ON AGENDA:**  
**DEPARTMENT:**

2/12/2004  
Resolution  
Austin Water Utility

**DESCRIPTION:**

Authorize negotiation and execution of Supplemental Amendment No. 3 to the professional services agreement with Turner Collie & Braden, Inc., Austin, Texas 78746 for construction/warranty phase services on the Northeast Interim Regional Wastewater Treatment Plant and the north interceptor, and additional design of the initial section of the Gilleland Creek Interceptor in the amount not to exceed \$913,967.00 for a total contract amount not to exceed \$3,106,759.00.

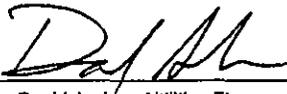
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**FINANCIAL INFORMATION:**

Parent Project Name: 1998 Wastewater Imps. Prop. 10  
Project Authorization: 2003-04 Approved Capital Budget  
Funding Source: 1998 Revenue Bonds  
Number: 4540 237 2021

Current Appropriation	\$ 106,417,000.00
Unencumbered Balance	35,202,491.42 *
Amount of This Action	<u>(913,967.00)</u>
Remaining Balance	<u>\$ 34,288,524.42</u>
Current Available Balance	\$ 35,202,491.42
Less Outstanding Commitments	<u>-</u>
Estimated Unencumbered Balance	<u>\$ 35,202,491.42 *</u>

Utility Finance: \_\_\_\_\_

  
David Anders, Utilities Finance Manager

Date: \_\_\_\_\_

1/14/04

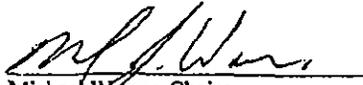
REF. # 4540 237 8051

No.020404-D  
WATER AND WASTEWATER COMMISSION RESOLUTION  
SUPPLEMENTAL AMENDMENT NO. 3 TO THE PROFESSIONAL SERVICES AGREEMENT WITH  
TUNER COLLIE & BRADEN, INC. , IN THE AMOUNT NOT TO EXCEED \$913,967.00 FOR A TOTAL  
CONTRACT AMOUNT NOT TO EXCEED \$3,106,759.00

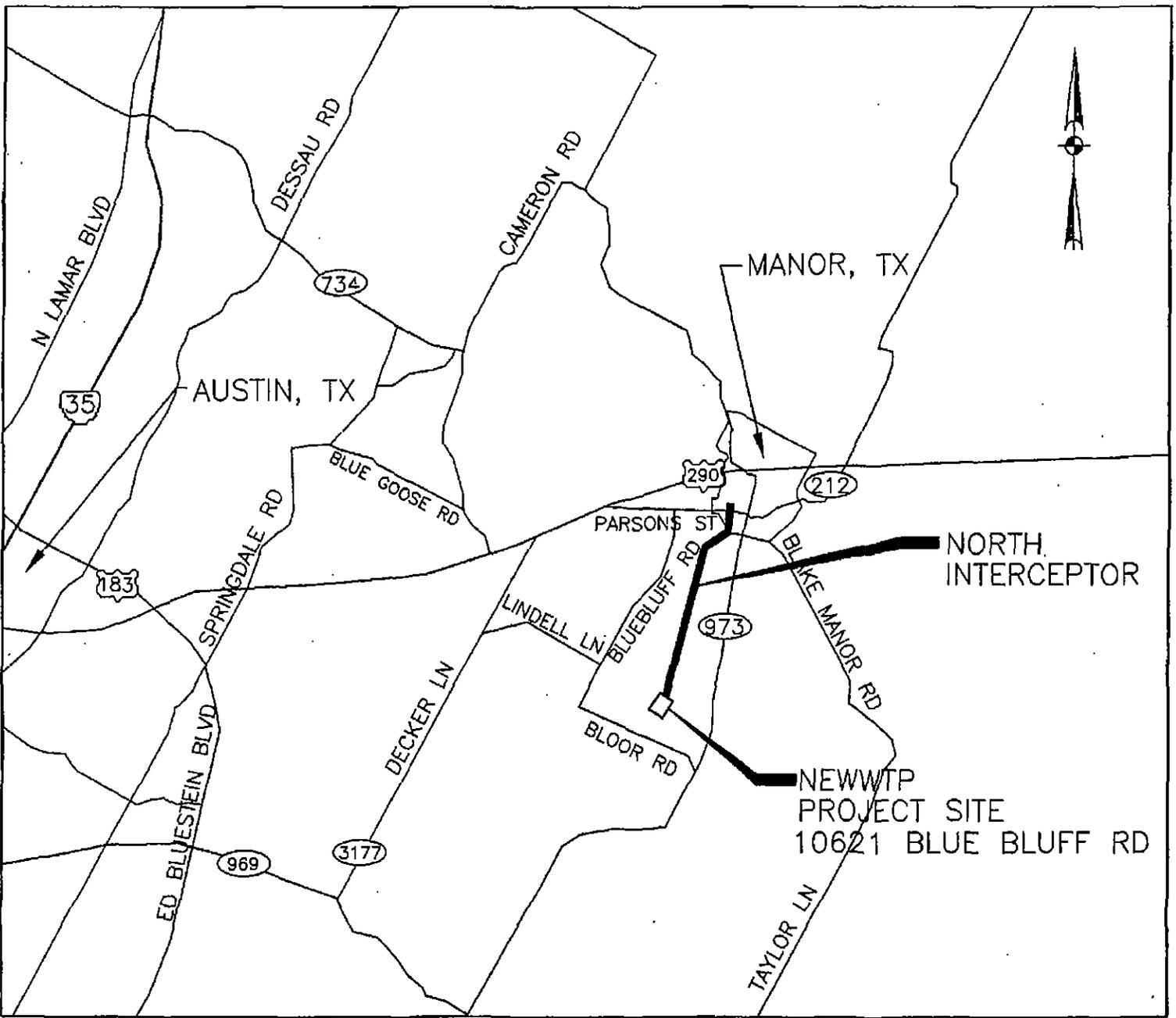
February 4, 2004  
REGULAR MEETING  
VOTE: 6-0-0-1

Motion made by: Miller  
Commissioners Consenting: Warner, Lee, Coleman, Raun, Friese  
Commissioners Dissenting:  
Commissioners Abstaining:  
Commissioners Absent: Kirfman

The Water and Wastewater Commission recommends the Council authorize execution of a Supplemental Amendment No. 3 to the professional services agreement with Tuner Collie & Braden, Inc. for construction/warranty phase services on the Northeast Interim Regional Wastewater Treatment Plant and the north interceptor and additional design of the initial section of the Gilleland Creek Interceptor in the amount not to exceed \$913,967.00 for a total contract amount not to exceed \$3,106,759.00

  
Michael Warner, Chairperson  
Water and Wastewater Commission

2/4/04  
Date



AUSTIN, TX

MANOR, TX

NORTH INTERCEPTOR

NEWWTP PROJECT SITE  
10621 BLUE BLUFF RD

